

TITLE: CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
INVENTORS NAME: Jiang Ding et al.
DOCKET NO.: 279.090US6

1/7

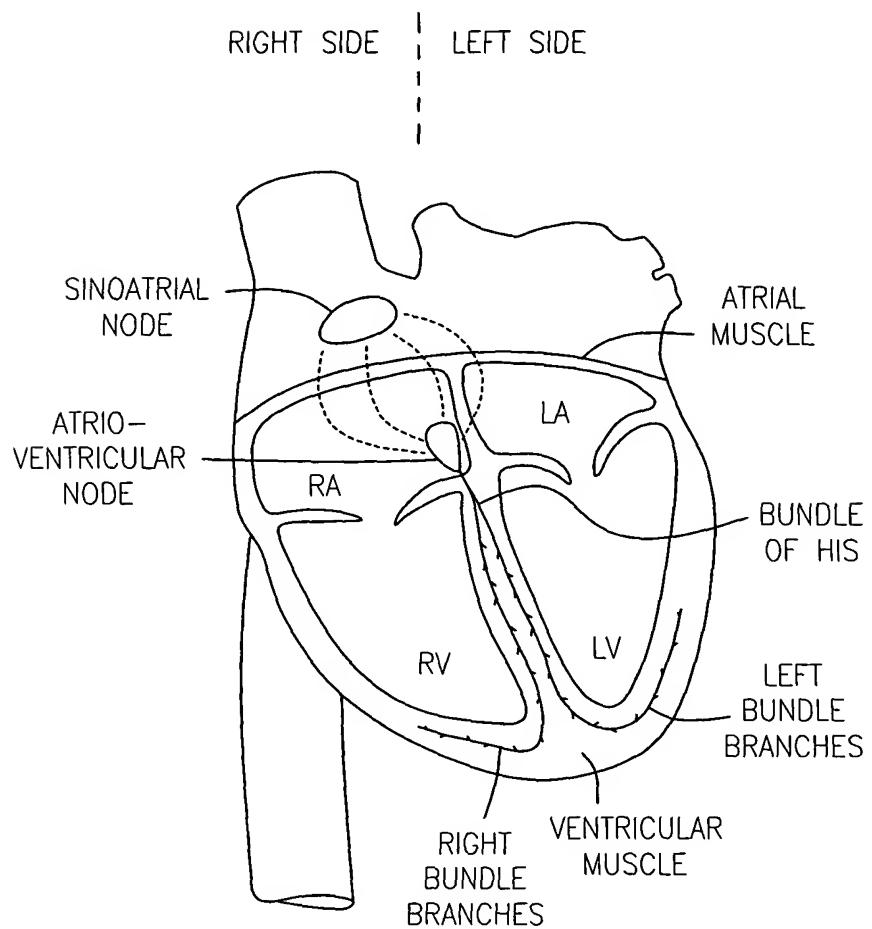


FIG. 1

2/7

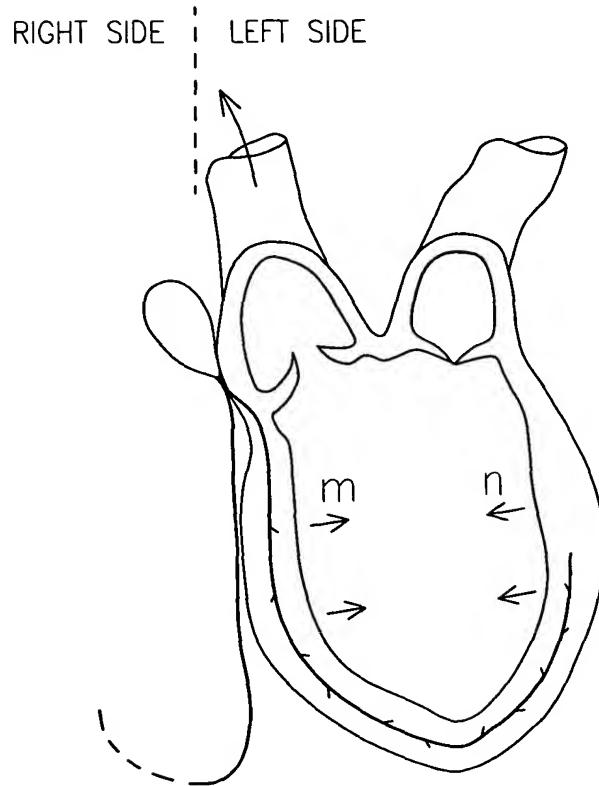


FIG. 2

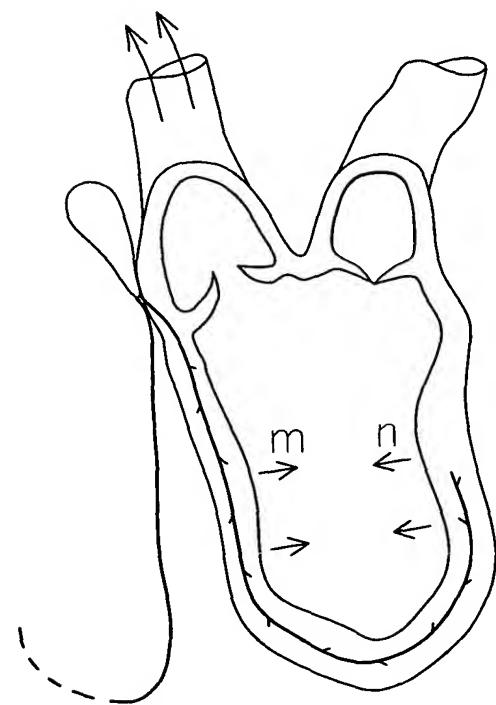


FIG. 3

FIG. 4A CONTRACTILITY (NOT TO SCALE)

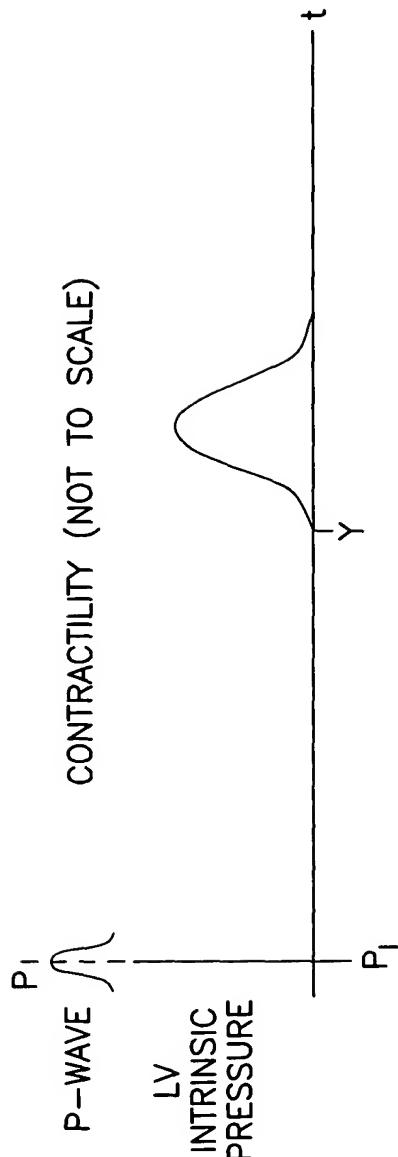


FIG. 4B LV INTRINSIC ELECTROGRAM

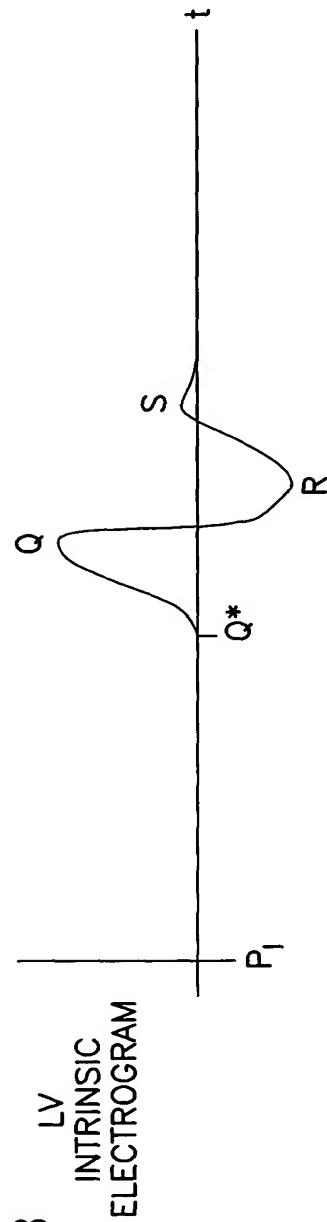


FIG. 4C

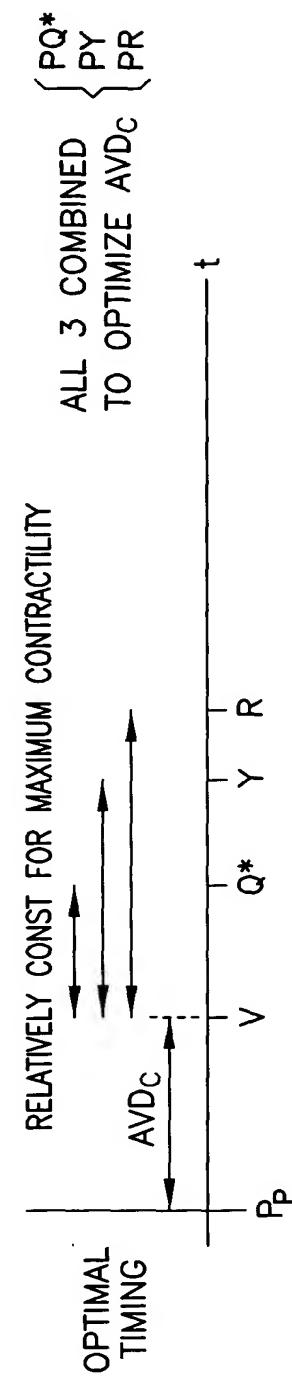


FIG. 4D

PULSE PRESSURE (NOT TO SCALE)

A graph showing LV INTRINSIC PRESSURE on the vertical axis and time t on the horizontal axis. A single, narrow pulse is plotted, starting at a baseline labeled P_I . The peak of the pulse is marked with an 'X'. The graph is titled 'PULSE PRESSURE (NOT TO SCALE)'.

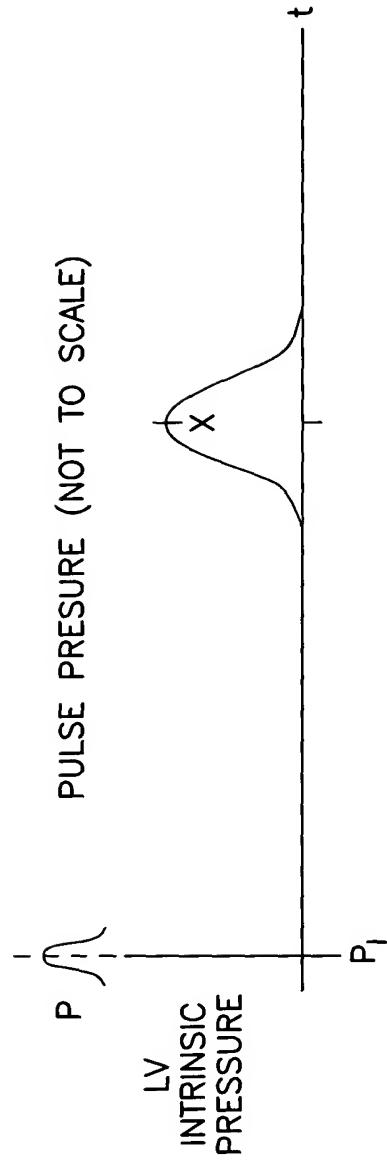


FIG. 4E

OPTIMAL TIMING

RELATIVELY CONSTANT FOR PEAK PULSE PRESSURE

A graph showing LV INTRINSIC PRESSURE on the vertical axis and time t on the horizontal axis. A pulse is shown above the baseline P_I , with its peak marked by an 'X'. The time from the baseline to the peak is labeled AVD_S . A vertical dashed line extends from the peak 'X' through the baseline to a point labeled 'Y'.



FIG. 5

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6/7

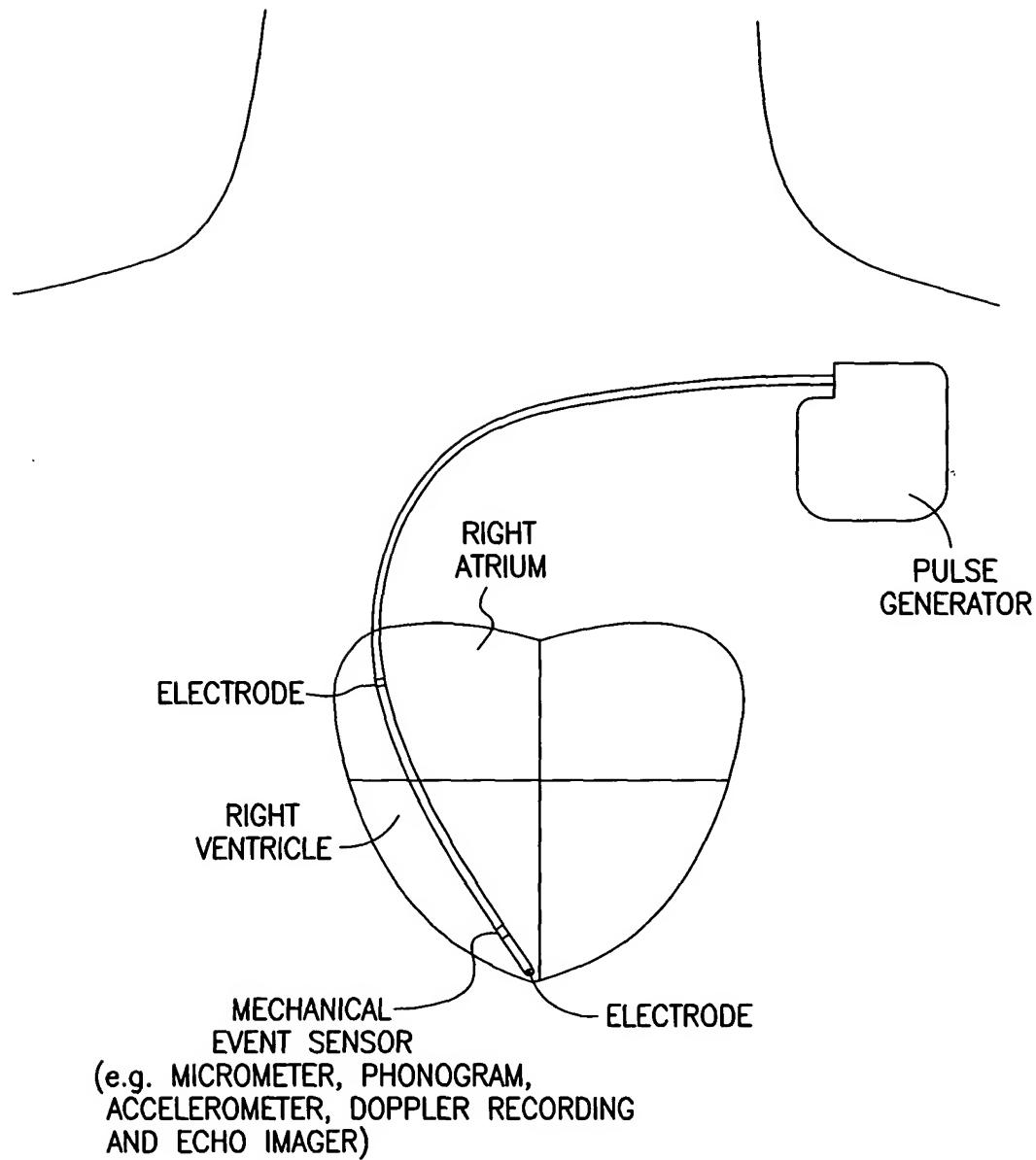


FIG. 6

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7/7

PREDETERMINED MAPPING

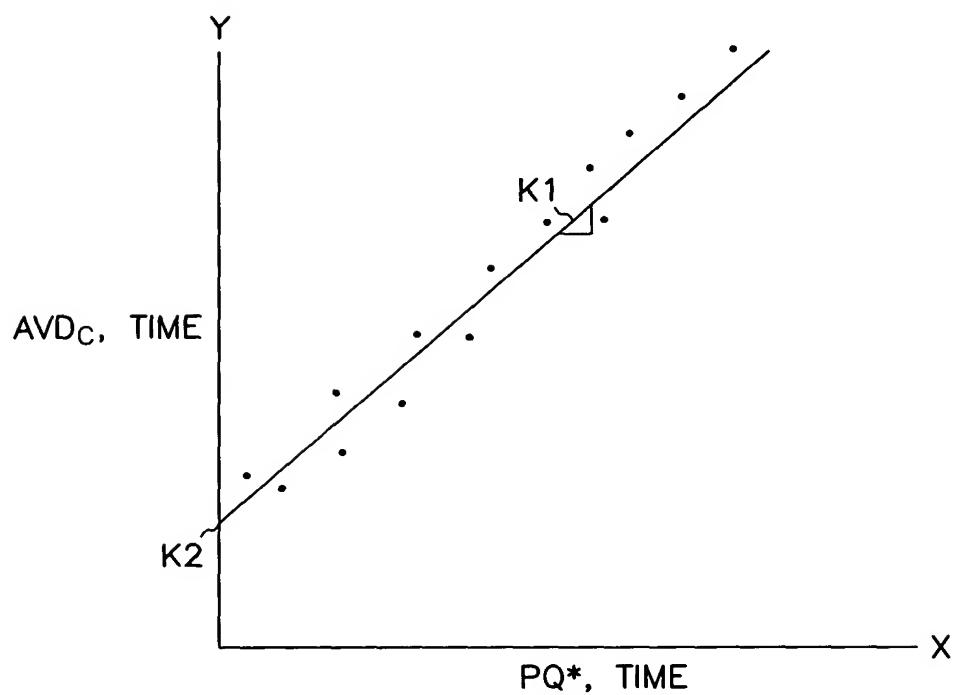


FIG. 7